

**BM3038****Monoclonal Antibody to *Yersinia enterocolitica* O:3 - Purified**

<b>Quantity:</b>	1 ml
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	<i>Yersinia enterocolitica</i> is a species of gram-negative coccobacillus-shaped bacterium, belonging to the family <i>Enterobacteriaceae</i> . Only a few strains of <i>Y. enterocolitica</i> cause illness in humans. The major animal reservoir for <i>Y. enterocolitica</i> strains that cause human illness is pigs, but other strains are also found in many other animals. Acute <i>Y. enterocolitica</i> infections produce severe diarrhea in Humans, along with Peyer's patch necrosis, chronic lymphadenopathy, and hepatic or splenic abscesses.
<b>Host / Isotype:</b>	Mouse / IgG3
<b>Recommended Isotype Controls:</b>	AM03097PU-N
<b>Clone:</b>	2D8
<b>Immunogen:</b>	<i>Yersinia enterocolitica</i> serogroup O:3 strain
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography on Protein A <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide <b>Stabilizers:</b> 0.5% BSA
<b>Applications:</b>	<b>Immunofluorescence:</b> 1/20. <b>Agglutination:</b> Ready-to-use. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	2D8 specifically reacts with <i>Yersinia enterocolitica</i> serogroup O:3 strains in both Agglutination and Immunofluorescence assays. The antibody does not react with <i>Y. enterocolitica</i> O:9 and O:8 serogroups. <b>Species:</b> <i>Yersinia enterocolitica</i> . Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Schmidt M, Sethi KK. Production and characterization of monoclonal antibodies specific for pathogenic serogroups O:3, O:8, and O:9 of <i>Yersinia enterocolitica</i> . Zentralbl Bakteriol Mikrobiol Hyg A. 1987 Jun;265(1-2):113-23. PubMed PMID: 3314254.